INTERNATIONAL SEARCH REPORT

onal Application No Full IB2004/000048

a. classification of subject matter IPC 7 H04L1/00						
1,0,						
According to	International Patent Classification (IPC) or to both national classificat	lon and IPC				
B. FIELDS S	SEARCHED					
Minimum doc	sumentation searched (classification system followed by classification $H04L$	n symbols)				
1107	11042					
Documentation	on searched other than minimum documentation to the extent that su	ch documents are included in the fields sea	arched			
Electronic da	ata base consulted during the International search (name of data bas	e and, where practical, search terms used)				
EPO-Int	ternal, WPI Data, INSPEC, PAJ					
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.			
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Helevalit to ciain 140.			
Х	US 2002/141516 A1 (WILLENEGGER SE	RGE)	1-5,7-11			
^	3 October 2002 (2002-10-03)					
į	paragraphs '0006!, '0007!, '001 '0018!, '0032!, '0033!, '0037!					
	'0038!, '0041!	,				
	WO 00/35137 A (ERICSSON INC)		6,12			
X	15 June 2000 (2000-06-15)					
	abstract					
	page 7, paragraph 2 page 8, paragraph 3					
	page 15, last paragraph - page 10	6,				
	paragraph 3 claims 12-14					
		Y Patent family members are listed	(in anney			
Fu	rther documents are listed in the continuation of box C.	Y Patent family members are listed				
	categories of cited documents:	*T* later document published after the in or priority date and not in conflict wi	n the application but			
cons	ment defining the general state of the art which is not sidered to be of particular relevance	cited to understand the principle or to invention	neory underlying the			
filing	r document but published on or after the international g date	"X" document of particular relevance; the cannot be considered novel or cann involve an Inventive step when the	ot de considereu lo			
i whic	ment which may throw doubts on priority claim(s) or the scried to establish the publication date of another the scried of another the scried of the scried o	"Y" document of particular relevance; the cannot be considered to involve an	claimed invention			
"O" docu	lon or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or	document is combined with one or ments, such combination being obv	nore other such docu-			
'P' docu	er means ment published prior to the international filing date but r than the priority date claimed	nt family				
1	r than the priority date claimed ne actual completion of the international search	Date of mailing of the international s				
		27/05/2004				
	10 May 2004					
Name an	id mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer				
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Stolte, N				
1	Fax: (+31-70) 340-3016	1				

INTERNATIONAL SEARCH REPORT

In onal Application No

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002141516	A1	03-10-2002	EP WO	1362459 A1 02065720 A1	19-11-2003 22-08-2002
WO 0035137	A	15-06-2000	AU AU CN EP WO	756957 B2 3109500 A 1346559 T 1135881 A2 0035137 A2	30-01-2003 26-06-2000 24-04-2002 26-09-2001 15-06-2000